

Title (en)

STATIC MIXER, ESPECIALLY FOR APPARATUSES PROCESSING HIGHLY VISCOUS PLASTICS MELTS

Publication

EP 0154013 B1 19900606 (DE)

Application

EP 84115261 A 19841212

Priority

CH 107084 A 19840305

Abstract (en)

[origin: US4692030A] The static mixing device includes a tubular casing and at least one mixing element composed of individual webs which are secured in the wall of the casing. The webs are disposed in crossing relation to each other with a transverse spacing therebetween. The terminal ends of each web are secured within the wall of the casing by being shrink-fitted, soldered, welded or threaded.

IPC 1-7

B29B 7/32; **B29C 45/58**; **B29C 47/64**

IPC 8 full level

B01F 5/00 (2006.01); **B01F 5/06** (2006.01); **B29B 7/30** (2006.01); **B29B 7/32** (2006.01); **B29C 45/58** (2006.01); **B29C 48/67** (2019.01)

CPC (source: EP KR US)

B01F 25/43161 (2022.01 - EP KR US); **B01F 25/4318** (2022.01 - EP KR US); **B01F 25/431971** (2022.01 - EP KR US); **B29B 7/32** (2013.01 - KR); **B29C 45/581** (2013.01 - EP US); **B29C 48/362** (2019.01 - EP US); **B01F 25/4317** (2022.01 - EP KR US); **B01F 25/43172** (2022.01 - EP KR US)

Cited by

EP0856353A1; EP0341618A3; DE4216393A1; DE10051925A1; EP1604730A4; EP3287254A1; US6203188B1; US10857715B2; US8491180B2; EP0553005A1; WO2004098759A1; WO9833583A1; EP2277620B2; EP2158027B2

Designated contracting state (EPC)

AT DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0154013 A2 19850911; **EP 0154013 A3 19870902**; **EP 0154013 B1 19900606**; AT E53330 T1 19900615; AU 3947685 A 19850912; AU 568923 B2 19880114; CA 1250282 A 19890221; CH 664505 A5 19880315; DE 3482416 D1 19900712; DK 8785 A 19850906; DK 8785 D0 19850108; JP H0579369 B2 19931102; JP S60206431 A 19851018; KR 850006154 A 19851002; KR 920002354 B1 19920323; US 4692030 A 19870908

DOCDB simple family (application)

EP 84115261 A 19841212; AT 84115261 T 19841212; AU 3947685 A 19850304; CA 475714 A 19850304; CH 107084 A 19840305; DE 3482416 T 19841212; DK 8785 A 19850108; JP 4254685 A 19850304; KR 850000220 A 19850115; US 70723085 A 19850301